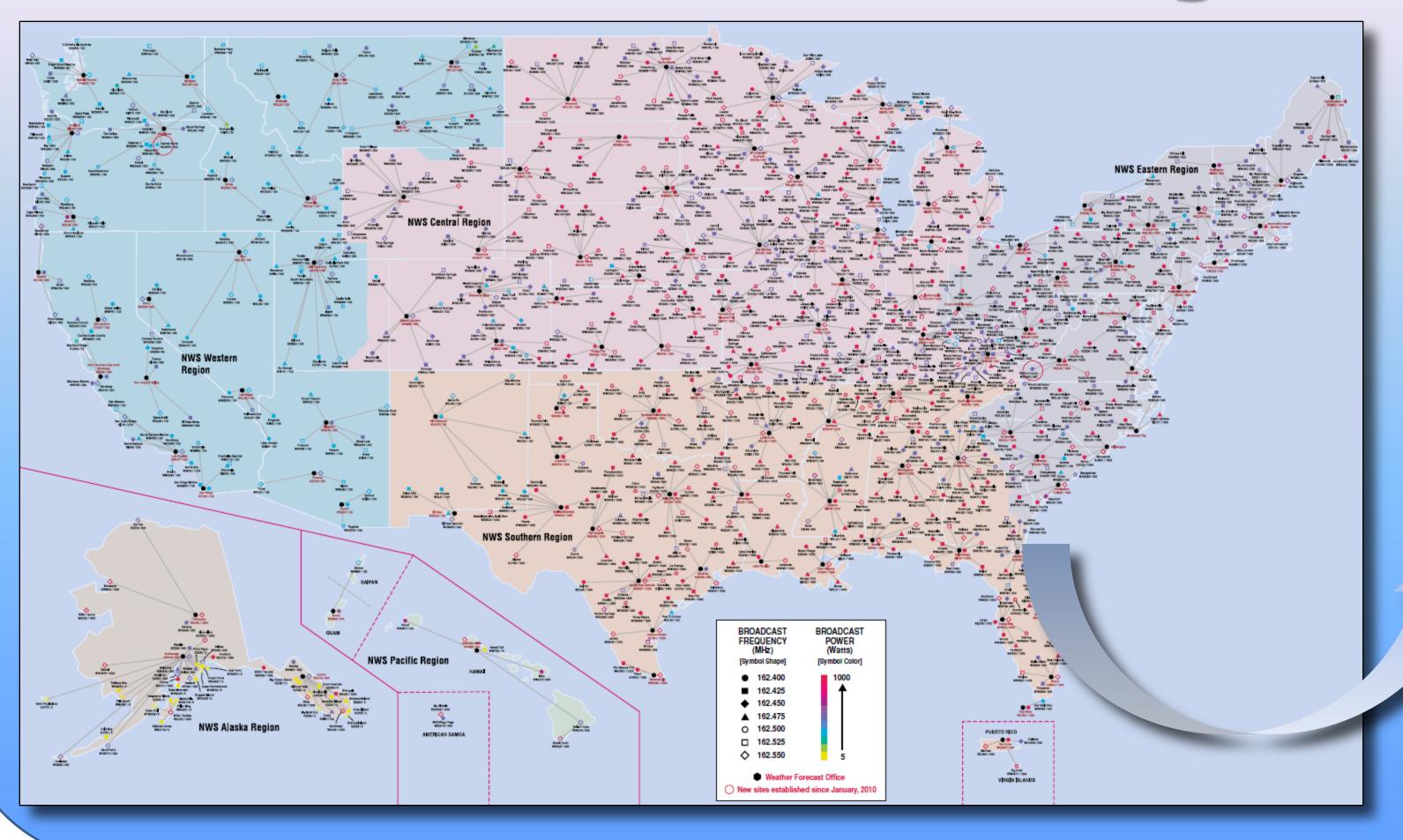
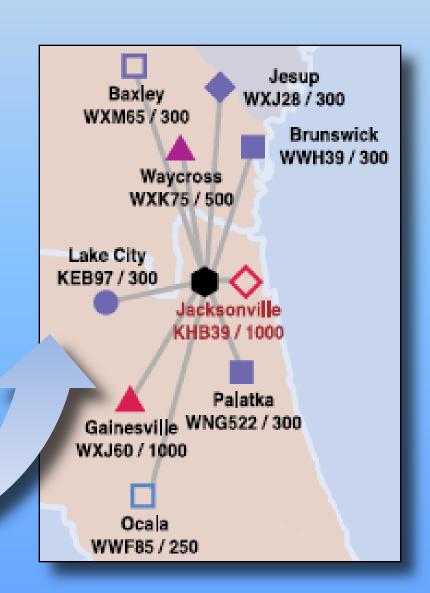


# NOAA Weather Radio

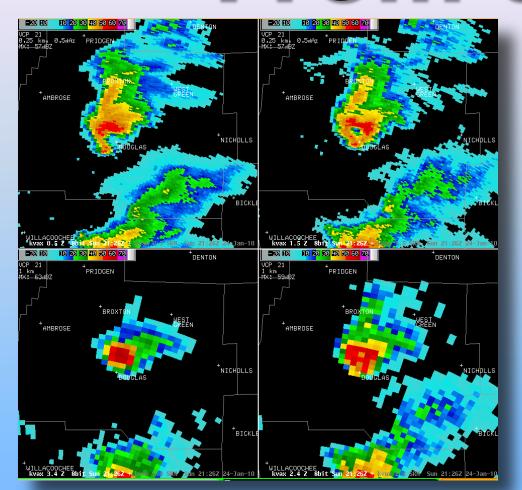
# Nationwide Coverage Means Full Local Coverage



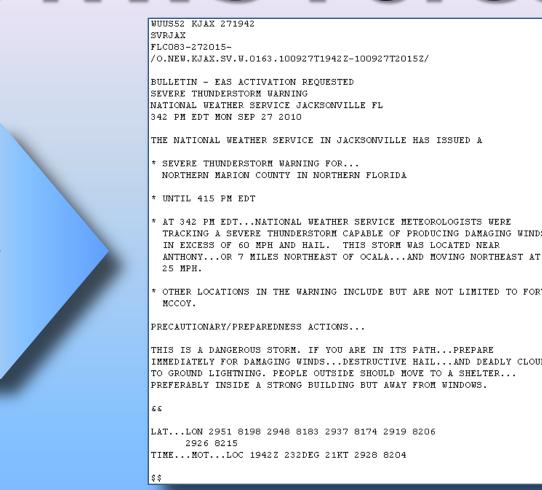


<b>NOAA Weather Radio Transmitters Serving the County Warning Area</b>				
Transmitter Programmed by	Call Sign	Frequency (MHz)	Power (Watts)	Counties Served
Jacksonville, FL NWS Jacksonville	KHB-39	162,550	1000	FL: Baker, Clay, Duval, Nassau, St. Johns GA: Camden, Charlton
Gainesville, FL NWS Jacksonville	WXJ-60	162.475	1000	Alachua, Baker, Bradford, Clay, Columbia, Dixie, Gilchrist, Lafayette, Levy, Marion, Putnam, Suwannee, Union
Ocala, FL NWS Jacksonville	WWF-85	162.525	300	Marion
Lake City, FL NWS Jacksonville	KEB-97	162.400	300	Baker, Columbia, Hamilton, Suwannee
Waycross, GA NWS Jacksonville	WXK-75	162.475	1000	Appling, Atkinson, Bacon, Berrien, Brantley, Camden, Charlton, Clinch, Coffee, Echols, Glynn, Irwin, Jeff Davis, Lanier, Lowndes, Pierce, Ware, Wayne
Baxley, GA NWS Jacksonville	VVXM-65	162.525	200	Appling, Jeff Davis, Tattnall, Toombs
Brunswick, GA NWS Jacksonville	WWH-39	162.425	250	Brantley, Camden, Glynn, McIntosh
Jesup, GA NWS Jacksonville	WXJ-28	162.450	300	Appling, Bacon, Brantley, Glynn, Liberty, Long, McIntosh, Pierce, Tattnall, Wayne
Palatka, FL NWS Jacksonville	WNG-522	162.425	300	Clay, Flagler, Putnam, St. Johns
<b>Hahira, GA</b> NWS Tallahassee	WWH-31	162.500	1000	<b>FL:</b> Hamilton, Madison <b>GA:</b> Berrien, Brooks, Colquitt, Cook, Echols, Lanier, Lowndes
Inverness, FL NWS Tampa	WWF-38	162.400	300	Citrus, Hernando, Levy, Marion, Sumter
Sumterville, FL NWS Tampa	KPS-505	162.500	1000	Citrus, Hernando, Lake, Marion, Sumter
Daytona Beach, FL NWS Melbourne	KIH-26	162.400	1000	Brevard, Flagler, Lake, Orange, Putnam, Seminole, Volusia

## From the NWS Forecaster to Your NOAA Weather Radio



**National Weather Service** meteorologists monitor weather radar and issue watches, warnings, and advisories as needed.



A watch or warning is issued by a NWS meteorologist if conditions warrant.



Products are sent to the NOAA Weather Radio Console Replacement System (CRS) and Voice Improvement Processor (VIP) where they are converted to audio.



Warning audio is sent via phone line to the NOAA Weather Radio transmitter and broadcast along with a 1050Hz and/or Specific Area Message Encoder (SAME) alarm tone.



Warning is received on NOAA Weather Radio in homes, business, and schools. The entire process from warning decision to broadcast takes a few short minutes.

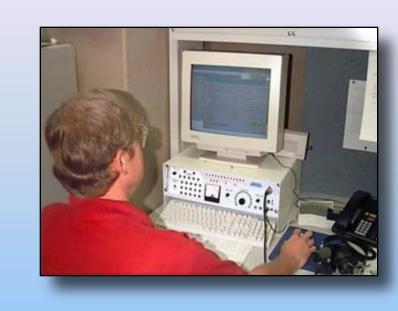
# The History of NOAA Weather Radio in the Jacksonville Area













August 1967 Jacksonville transmitter is the fourth to become operational in the NWS Southern Region. Broadcast unit uses a series of tape consoles, and tapes must be manually recorded.

### January 1975

NOAA Weather Radio designated as the sole government-operated radio system to provide direct warnings to private homes for both natural disasters and nuclear attack.

1995 Switch from tape recording console to digital console at NWS Jacksonville. Old tape consoles eliminated, but recordings must still be manually recorded. This unit is still used as an emergency backup.

January 1997 **Specific Area Message Encoder** (SAME) is commissioned allowing for warnings to be alerted based on counties instead of broadcast listening areas.

### February 2000

**Console Replacement System (CRS)** commissioned at NWS Jacksonville. Although manual recordings are still possible, most audio is generated automatically from text products.

Tests of the NOAA Weather Radio warning alarm are conducted every Wednesday between 10AM & noon. If there is the threat of severe weather, the test is postponed until the next available good-weather day.

# Area SAME Codes

**Appling** 013001 Atkinson 013003 **Bacon** 013005 **Brantley** 013025 **Camden** 013039 Charlton 013049 **Clinch** 013065 **Coffee** 013069

**Echols** 013101 **Glynn** 013127 Jeff Davis 013161 **Pierce** 013229 **Ware** 013299 **Wayne** 013305

Alachua 012001 **Baker** 012003 **Bradford** 012007 Clay 012019 Columbia 012023 **Duval** 012031 Flagler 012035 Gilchrist 012041

Hamilton 012047 **Marion** 012083 **Nassau** 012089 **Putnam** 012107 **St. Johns** 012109 Suwannee 012121 **Union** 012125

### What is SAME?

SAME is short for Specific Area Message Encoder. Unlike the normal warning tone which alerts all alarmable NOAA Weather Radios in range of each transmitter, allows people with a SAME equipped weather radio to be notified of watches and/or warnings affecting only the county desired. SAME radio owners must program their radios with counties desired upon purchase. A list of area counties and their associated SAME codes can be found above.

### Whose voice is that?

Most of the products on NOAA Weather Radio employ the use of an automated voice. This allows forecasters to focus on weather forecasting and warning operations and ensures products reach the radio almost immediately after being produced. The automated voice is generated by the Voice Improvement Processor (VIP) using a Speechify text-to-speech system. From time to time, humans do record products for the radio. Listen for them!

### Where can I buy one?

The National Weather Service neither manufactures nor sells NOAA Weather Radio receivers. However, you can buy receivers at many retail outlets including electronics, department, sporting goods, and boating accessory stores. They can also be purchased via the Internet from online retailers or directly from manufacturers. Many different models are available, ranging from small, handheld units to larger radios for the home, office, or school.